

ARC3	Channel	Function	Value	Percent/Setting
	1	Red	000 ⇄ 255	0~100%
	2	Green	000 ⇄ 255	0~100%
	3	Blue	000 ⇄ 255	0~100%
	4	White	000 ⇄ 255	0~100%
	5	Amber	000 ⇄ 255	0~100%

AR3.D	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0~100%
	2	Red	000 ⇄ 255	0~100%
	3	Green	000 ⇄ 255	0~100%
	4	Blue	000 ⇄ 255	0~100%
	5	White	000 ⇄ 255	0~100%
	6	Amber	000 ⇄ 255	0~100%

AR3.S	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0~100%
	2	Red	000 ⇄ 255	0~100%
	3	Green	000 ⇄ 255	0~100%
	4	Blue	000 ⇄ 255	0~100%
	5	White	000 ⇄ 255	0~100%
	6	Amber	000 ⇄ 255	0~100%
	7	Strobe	000 ⇄ 255	0~20 Hz

HSV	Channel	Function	Value	Percent/Setting
	1	Hue	000 ⇄ 255	0~100%
	2	Saturation	000 ⇄ 255	0~100%
	3	Value	000 ⇄ 255	0~100%

## Contact Us World Headquarters

### General Information

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### World Wide Web

[www.chauvetlighting.com](http://www.chauvetlighting.com)

COLORado Range IP QRG – Rev. 01c

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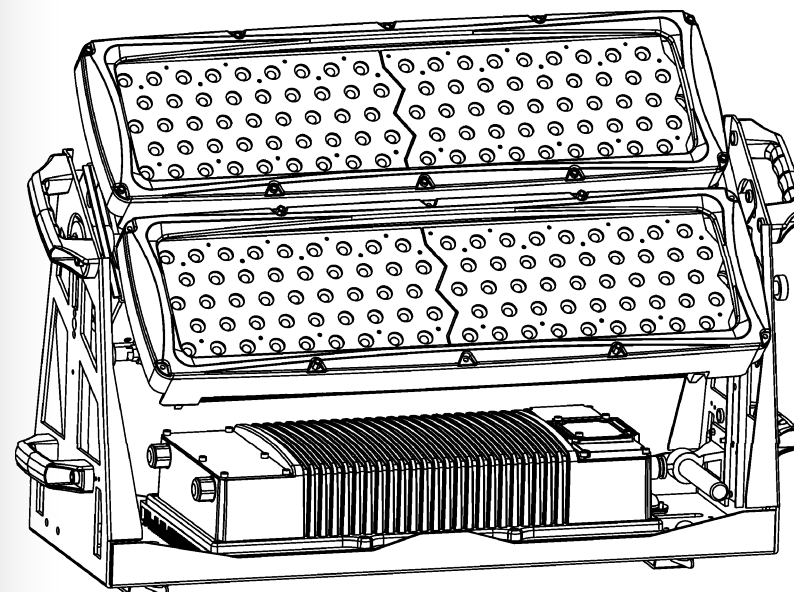
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# COLORADO<sup>TM</sup> RANGE<sup>IP</sup>

## Quick Reference Guide



**CHAUVET®**

*It's Green Thinking*

## About this Guide

The COLORado Range IP Quick Reference Guide (QRG) only contains the product's connection and mounting information as well as the menu options and the DMX values.

## Disclaimer

- This Quick Reference Guide DOES NOT replace the product's user manual, which you can download from the CHAUVET® Web site ([www.chauvetlighting.com](http://www.chauvetlighting.com)).
- You must read ALL the disclaimers and safety notes in this document as well as those in the product's user manual before installing, operating, or maintaining this product.

## Safety Notes

- DO NOT open this fixture unless instructed. It contains no user serviceable parts.
- DO NOT look at the light source when this fixture is on.
- DO NOT touch the fixture when it is operating because it may be hot.
- DO NOT install or operate this fixture where there is less than 50 cm to the nearest surface to allow adequate ventilation around it.
- DO NOT leave any flammable material within 50 cm from this fixture while operating or connected to the power outlet to minimize the risk of fire.
- DO NOT carry this fixture from the head; use the handles instead.
- DO NOT install this product alone. This fixture weighs 89 lbs (40.3 kg). Always ask for help when mounting this product to avoid personal injuries or damage to the unit.
- DO NOT mount this fixture overhead without using a safety cable.
- DO NOT submerge this product (IP66). Regular outdoor operation is fine.
- DO NOT operate this fixture if you see damage on the housing, lenses, or cables. In any of these cases, have the damaged parts replaced by an authorized technician at once.
- DO NOT connect this fixture to a dimmer or rheostat.
- ONLY connect this fixture to a grounded and protected circuit.

## What is Included

- One COLORado Range IP
- One Edison to proprietary IP66 power input adapter
- One male and female 3-pin DMX to proprietary IP66 adapter
- One safety cable
- Warranty Card
- Quick Reference Guide

## TOUR (Cont.)

Channel	Function	Value	Percent/Setting
14 (Cont.)	Auto + Custom Programs	141 ⇄ 150	Custom 1
		151 ⇄ 160	Custom 2
		161 ⇄ 170	Custom 3
		171 ⇄ 180	Custom 4
		181 ⇄ 190	Custom 5
		191 ⇄ 200	Custom 6
		201 ⇄ 210	Custom 7
		211 ⇄ 220	Custom 8
		221 ⇄ 230	Custom 9
		231 ⇄ 255	Custom 10
15	Auto Speed	000 ⇄ 255	Only when running an auto program
16	Dimmer Speed	000 ⇄ 009	Dimmer speed as per Control Panel
		010 ⇄ 029	Linear dimmer
		030 ⇄ 069	Non-linear dimmer 1 (fastest)
		070 ⇄ 129	Non-linear dimmer 2
		130 ⇄ 189	Non-linear dimmer 3
		190 ⇄ 255	Non-linear dimmer 4 (slowest)

## BLOCK

Channel	Function	Value	Percent/Setting
1	Module 1 Red	000 ⇄ 255	0~100%
2	Module 1 Green	000 ⇄ 255	0~100%
3	Module 1 Blue	000 ⇄ 255	0~100%
4	Module 1 White	000 ⇄ 255	0~100%
5	Module 1 Amber	000 ⇄ 255	0~100%
6	Module 2 Red	000 ⇄ 255	0~100%
7	Module 2 Green	000 ⇄ 255	0~100%
8	Module 2 Blue	000 ⇄ 255	0~100%
9	Module 2 White	000 ⇄ 255	0~100%
10	Module 2 Amber	000 ⇄ 255	0~100%

## ARC1

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0~100%
2	Green	000 ⇄ 255	0~100%
3	Blue	000 ⇄ 255	0~100%

## AR1.D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0~100%
2	Red	000 ⇄ 255	0~100%
3	Green	000 ⇄ 255	0~100%
4	Blue	000 ⇄ 255	0~100%

## DMX Values

<i>TOUR</i>	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇔ 255	0~100%
	2	Module 1 Red	000 ⇔ 255	0~100%
		Step Time		Only when running custom programs
	3	Module 1 Green	000 ⇔ 255	0~100%
		Step Time		Only when running custom programs
	4	Module 1 Blue	000 ⇔ 255	0~100%
	5	Module 1 White	000 ⇔ 255	0~100%
	6	Module 1 Amber	000 ⇔ 255	0~100%
	7	Module 2 Red	000 ⇔ 255	0~100%
	8	Module 2 Green	000 ⇔ 255	0~100%
	9	Module 2 Blue	000 ⇔ 255	0~100%
	10	Module 2 White	000 ⇔ 255	0~100%
	11	Module 2 Amber	000 ⇔ 255	0~100%
	12	Color Macro + White Balance	000 ⇔ 010 No function 011 ⇔ 030 R: 100% G: Up B: 0% 031 ⇔ 050 R: Down G: 100% B: 0% 051 ⇔ 070 R: 0% G: 100% B: Up 071 ⇔ 090 R: 0% G: Down B: 100% 091 ⇔ 110 R: Up G: 0% B: 100% 111 ⇔ 130 R: 100% G: 0% B: Down 131 ⇔ 150 R: 100% G: Up B: Up 151 ⇔ 170 R: Down G: Down B: 100% 171 ⇔ 200 R: 100% G: 100% B: 100% W: 100% 201 ⇔ 205 White 1: 3200 K 206 ⇔ 210 White 2: 3400 K 211 ⇔ 215 White 3: 4200 K 216 ⇔ 220 White 4: 4900 K 221 ⇔ 225 White 5: 5600 K 226 ⇔ 230 White 6: 5900 K 231 ⇔ 235 White 7: 6500 K 236 ⇔ 240 White 8: 7200 K 241 ⇔ 245 White 9: 8000 K 246 ⇔ 250 White 10: 8500 K 251 ⇔ 255 White 11: 10,000 K	
	13	Strobe	000 ⇔ 010 No Function 011 ⇔ 255 0~20 Hz	
	14	Auto + Custom Programs	000 ⇔ 040 No function 041 ⇔ 050 Auto 1 051 ⇔ 060 Auto 2 061 ⇔ 070 Auto 3 071 ⇔ 080 Auto 4 081 ⇔ 090 Auto 5 091 ⇔ 100 Auto 6 101 ⇔ 110 Auto 7 111 ⇔ 120 Auto 8 121 ⇔ 130 Auto 9 131 ⇔ 140 Auto 10	

## Features

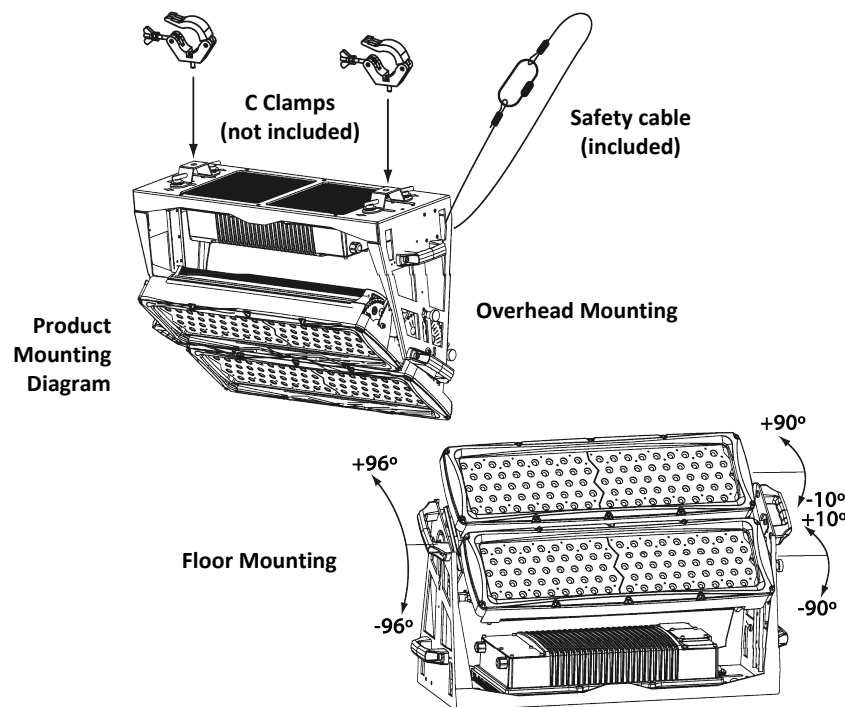
- 3, 4, 5, 6, 7, 10, or 16 channels RGBWA LED wash light with two tiltable panels
- Operating modes:
  - 3-channel: HSV control
  - 3-channel: RGB control
  - 4-channel: RGB, dimmer
  - 5-channel: RGBWA control
  - 6-channel: RGBWA, dimmer
  - 7-channel: RGBW, dimmer, strobe
  - 10-channel: RGBWA in block mode (controls each panel individually)
  - 16-channel: Dimmer, RGBWA (block 1), RGBWA (block 2), color macro, strobe, auto/custom, auto speed, dimmer curve
- RGBWA static color mixing with or without DMX control
- Color temperature presets (3,200~10,000 K)
- Built-in automated programs
- Customizable programs
- Recall auto/custom programs via DMX
- Five distinct dimming curves
- Ingress Protection: IP66
- 3-pin DMX input and output connectors
- LED display with password protection
- Die-cast aluminum, powder coated housing
- Color calibration
- Omega bracket mounting system

## Options

- 15° optical system CLENS1590
- 30° optical system CLENS3090
- 16.4 ft (5 m) IP66 power extension cable IP5POWER
- 16.4 ft (5 m) IP66 signal extension cable IP5SIG
- W-DMX (wireless DMX) receiver W-DMXIP66
- W-DMX (wireless DMX) transmitter W-DMXTRANS

**AC Power** This product has an auto-ranging power supply that can work with an input voltage range of 100~240 VAC, 50/60 Hz.

**Mounting** Before mounting this product, read the safety notes at the beginning of this guide and on page 2 of the product's user manual. Then, follow the mounting procedure indicated in the Setup chapter of the user manual.



### Control Panel Description

Button	Function
<MENU>	Exits from the current menu or function
<SET>	Enables the currently displayed menu or sets the currently selected value into the selected function
<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function

**Programming** For details on how to program this product, please refer to the product's user manual.

**Password** After being prompted to enter the password, press:  
<UP>, <DOWN>, <UP>, <DOWN>, and <ENTER>

### Menu Options

Main Level	2 <sup>nd</sup> Level		3 <sup>rd</sup> Level		Description
STAT	RED		000~255 (0~100%)		User can combine Red, Green, Blue, White, and Amber to generate a custom color.
	GREEN				
	BLUE				
	WHITE				
	AMBER				
	STRB		00~20 (0~20 Hz)		Select a strobe frequency
AUTO	AUTO		1~10		Choose from 10 automatic programs
	CUSTOM				Choose from 10 customizable programs
ADDR	001~512		N/A		Sets the DMX starting address
RUN	DMX/SLAV		N/A		Selects the DMX or SLAVE mode
PERS	TOUR		N/A		16-channel
	ARC 1				3-channel
	AR1.D				4-channel
	ARC.3				5-channel
	AR3.D				6-channel
	AR3.S				7-channel
	HSV				3-channel
	BLOCK				10-channel
SET	UPLD	PSWD	SEND	END	Uploads custom programs
	REST	PSWD	RST	END	Resets the fixture to the factory settings
	DIM		OFF		Faders act linearly
			DIM1~4		DIM1 (fastest)~DIM4 (slowest)
	COLOR		OFF		No color compensation
			RGBW		White is defined by <b>CAL2 &gt; RGB.W</b>
			UC		Color compensation to match older fixtures
EDIT	PR (1~10)	SC (01~30)	RED	000~255	User can combine Red, Green, Blue, White, and Amber to generate a custom color.
			GREEN		
			BLUE		
			WHITE		
			AMBER		
			STRB	00~20	Selects the strobe frequency (0~20 Hz)
			TIME	000~255	Defines the step duration (0~100%)
FADE	Defines the fade duration (0~100%)				
CAL1	WH (1~11)		RED	000~255	User can combine Red, Green, Blue, White, and Amber to generate whites with various temperatures ( <b>TOUR &gt; Channel 12</b> ).
			GREEN		
			BLUE		
			WHITE		
			AMBER		
CAL2	RGB.W		RED	000~255	User can combine Red, Green, and Blue to generate a balanced white ( <b>SET &gt; COLOR &gt; RGBW</b> )
			GREEN		
			BLUE		
WDMX	ACTI		ON/OFF		Activates W-DMX connection
	REST				Resets W-DMX connection
KEY	ON/OFF		N/A		Turns the password on or off